

career opportunities

Business: PMES

Ref: 10/026

Location: Rugeley

Principal Mechanical Design Engineer - Power

Job purpose

Reporting to the Engineering Manager, the Principal Mechanical Engineer will be responsible for providing mechanical design expertise in support of new business developments in the area of power systems, power converter and motors.

Within this role, there will be a primary focus on Future Business, aligning business strategy to that of our customers and in support of this, a high degree of customer interaction will be required.

Working with specialists from other engineering disciplines, the candidate will provide mechanical design expertise in support of future business opportunities. This will include feasibility studies, technology developments, concept designs for new products and bids and proposals. The candidate will also be required to provide guidance and support to other mechanical engineers within the engineering community and to contribute towards the development of engineering excellence within the business.

Key responsibilities

- Provide the engineering department with mechanical engineering expertise in support of future business opportunities
- Generate concept design proposals and feasibility studies to support future product development programmes
- Contribute towards the engineering strategy of the business
- Guidance and support to other mechanical engineers
- Design review authority for mainstream projects
- Contribute to the development of engineering excellence within the business

Personal attributes

- An degree in Mechanical Engineering or close equivalent
- Experience in the design of power conversion equipment is preferred
- Visionary, enthusiastic and creative
- Strong analytical skills
- Experience in FEA and CFD
- Working knowledge of safety and environmental legislation is essential
- Excellent communication skills (verbal, written and IT literate)

Applications should be forwarded to Human Resources at: vacancies@ultra-pmes.com

Closing date for application – 13 August 2010

Ultra Electronics is committed to Equal Opportunities and career development both within and across all businesses. If you are interested in the vacancy listed above, please speak to your Manager or local Personnel contact in the first instance.